

In the claims:

Please amend claims 21, 22, 23, 36, 37, 45, and 49 to read as follows. In the claims, material to be deleted is marked with a strikethrough (~~strikethrough~~) and material to be inserted is underlined. Please add claims 59 - 62. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1 - 20 cancelled


21. (currently amended) An isolated nucleic acid molecule selected from the group consisting of:

- (a) a DNA comprising a polynucleotide that encodes a polypeptide selected from the group consisting of SEQ ID NO:8, and SEQ ID NO:13;
- (b) DNA comprising a polynucleotide that encodes ~~a fragment of~~ a polypeptide ~~selected from the group consisting of SEQ ID NO:8 and SEQ ID NO:13~~ that is at least 90% identical to SEQ ID NO:8, wherein the fragment polypeptide is active in IKB α or p38 MAP kinase phosphorylation or the fragment polypeptide is active in cell surface expression of ICAM-1;
- (c) DNA comprising a polynucleotide that encodes a polypeptide selected from that is at least 90% identical to SEQ ID NO:13, wherein the polypeptide is active in IKB α or p38 MAP kinase phosphorylation or the polypeptide is active in cell surface expression of ICAM-1; and
- (d) DNA comprising a polynucleotide selected from the group consisting of SEQ ID NO:5, SEQ ID NO:7, and SEQ ID NO:12.

22. (currently amended) An isolated nucleic acid molecule selected from the group consisting of:

- (a) a DNA that encodes a polypeptide comprising SEQ ID NO:8;
- (b) DNA that encodes a fragment of the polypeptide of SEQ ID NO:8, wherein the fragment is active in IKB α or p38 MAP kinase phosphorylation or the fragment is active in cell surface expression of ICAM-1 and further wherein the fragment has an amino terminus selected from the group consisting of amino acids 1 through 5, and a carboxy terminus selected from the group consisting of amino acids 154 through 158, of SEQ ID NO:8, and
- (c) the DNA of SEQ ID NO:7.


23. (currently amended) An isolated nucleic acid molecule selected from the group consisting of:
- (a) DNA that encodes a polypeptide comprising SEQ ID NO:13;
 - (b) DNA that encodes a fragment of the polypeptide of SEQ ID NO:13, wherein the fragment is active in IKB α or p38 MAP kinase phosphorylation or the fragment is active in cell surface expression of ICAM-1 and further wherein the fragment has an amino terminus selected from the group consisting of amino acids 1 through 5, and a carboxy terminus selected from the group consisting of amino acids 154 through 158, of SEQ ID NO:13, and
 - (c) the DNA of SEQ ID NO:12.
24. (previously presented) An isolated DNA that encodes a polypeptide comprising the polypeptide of SEQ ID NO:8. ✓ o/c
25. (previously presented) An isolated DNA that encodes a polypeptide comprising the polypeptide of SEQ ID NO:13. ✓ o/c
26. (previously presented) An expression vector comprising the DNA of claim 21. ✓
27. (previously presented) An expression vector comprising a DNA that encodes a polypeptide of SEQ ID NO:8. o/c
28. (previously presented) An expression vector comprising a DNA that encodes a polypeptide of SEQ ID NO:13. o/c
29. (previously presented) A host cell comprising the expression vector of claim 26.
30. (previously presented) A host cell comprising the expression vector of claim 27. o/c
31. (previously presented) A host cell comprising the expression vector of claim 28. o/c
32. (previously presented) An isolated polypeptide encoded by the DNA of claim 21.
33. Cancelled
34. (previously presented) An isolated polypeptide comprising amino acids 1-158 of SEQ ID NO:8. o/c

35. (previously presented) An isolated polypeptide comprising amino acids 1-158 of SEQ ID NO:13. 

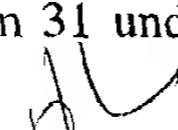
36. (currently amended) ~~A soluble fragment of the polypeptide~~ An isolated polypeptide comprising amino acids 5-154 of SEQ ID NO:8, wherein the soluble fragment polypeptide is active in IKB α or p38 MAP kinase phosphorylation or is active in cell surface expression of ICAM-1.

37. (currently amended) ~~A soluble fragment of the polypeptide~~ An isolated polypeptide comprising amino acids 5-154 of SEQ ID NO:13, wherein the soluble fragment polypeptide is active in IKB α or p38 MAP kinase phosphorylation or is active in cell surface expression of ICAM-1.

38. (previously presented) A method for producing a polypeptide, the method comprising culturing the host cell of claim 29 under conditions that promote expression of the polypeptide.

39. (previously presented) A method for producing a polypeptide, the method comprising culturing the host cell of claim 30 under conditions that promote expression of the polypeptide. 

40 — 43 cancelled.

44. (previously presented) A method for producing a polypeptide, the method comprising culturing the host cell of claim 31 under conditions that promote expression of the polypeptide. 

45. (currently amended) An isolated nucleic acid molecule comprising a polynucleotide that encodes ~~a fragment of~~ a polypeptide selected from the group consisting of SEQ ID NO:8 and SEQ ID NO:13, wherein the polypeptide has an amino terminus selected from the group consisting of amino acids 1 through 5, and a carboxy terminus selected from the group consisting of amino acids 154 through 158, of SEQ ID NO:8 or SEQ ID NO:13, respectively, and further wherein the polypeptide the fragment is active in IKB α or p38 MAP kinase phosphorylation or the fragment is active in cell surface expression of ICAM-1, and further wherein the fragment lacks from 1-5 terminal amino acids from either N terminal or C terminal or both.

46. (previously presented) An expression vector comprising the DNA of claim 45.
47. (previously presented) A host cell comprising the expression vector of claim 46.
48. (previously presented) A method for producing a polypeptide, the method comprising culturing the host cell of claim 47 under conditions that promote expression of the polypeptide.
49. (currently amended) An isolated nucleic acid molecule comprising a polynucleotide that encodes a polypeptide selected from the group consisting of SEQ ID NO:8 and SEQ ID NO:13, wherein the polypeptide has an amino terminus selected from the group consisting of amino acids 1 through 5, and a carboxy terminus selected from the group consisting of amino acids 154 through 158, of SEQ ID NO:8 or SEQ ID NO:13, respectively.

50-58 Cancelled

59. (new) The isolated nucleic acid molecule of claim 21, comprising a polynucleotide that encodes a polypeptide selected from the group consisting of:
- (a) DNA that encodes a polypeptide that is at least 90% identical to SEQ ID NO:8 and that comprises alterations to the amino acid sequences selected from the group consisting of inactivated N-glycosylation site(s), inactivated protease processing site(s), conservative amino acid substitution(s), and combinations thereof;
 - (b) DNA that encodes a fragment of the polypeptide of (a), wherein the fragment has an amino terminus selected from the group consisting of amino acids 1 through 5, and a carboxy terminus selected from the group consisting of amino acids 154 through 158, of SEQ ID NO:8;
 - (c) DNA that encodes a polypeptide that is at least 90% identical to SEQ ID NO:13 and that comprises alterations to the amino acid sequences selected from the group consisting of inactivated N-glycosylation site(s), inactivated protease processing site(s), conservative amino acid substitution(s), and combinations thereof; and
 - (d) DNA that encodes a fragment of the polypeptide of (a), wherein the fragment has an amino terminus selected from the group consisting of amino acids 1

through 5, and a carboxy terminus selected from the group consisting of amino acids 154 through 158, of SEQ ID NO: 13;
and further wherein the polypeptide is active in IKB α or p38 MAP kinase phosphorylation or the polypeptide is active in cell surface expression of ICAM-1.

- 60. (new) An expression vector comprising the DNA of claim 59.
- 61. (new) A host cell comprising the expression vector of claim 60.
- 62. (new) A method for producing a polypeptide, the method comprising culturing the host cell of claim 61 under conditions that promote expression of the polypeptide.